

# [ *Color wheel with balancing groove* ]

## Abstract of Disclosure

A color wheel with a balancing groove comprises a carrier, having a central axis, a external surface, and a periphery, and rotates along the central axis; a set of filter plate sharing the same central axis with the carrier, wherein one or more annular groove is disposed on the external surface of the loading element, and a balancing substance is added into the annular groove to balance the color wheel.

## Figures